

REMARKS

Claims 1, 4-5, 8-23 and 25-26 are pending in this application. By this Amendment, claims 1, 15 and 26 are amended and claims 2, 6-7, 24 and 27 are canceled without prejudice or disclaimer.

Entry of the amendments is proper under 37 C.F.R. §1.116 because the amendments: (1) place the application in condition for allowance; (2) do not raise any new issues requiring further search and/or consideration; and/or (3) place the application in better form for appeal, should an appeal be necessary. More specifically, the above amendments merely incorporate features of allowable dependent claims into independent claims. Thus, no new issues are raised. Entry is thus proper under 37 C.F.R. §1.116.

Applicant gratefully acknowledges the Office Action's indication that claims 2, 6, 7, 24 and 27 contain allowable subject matter. By this Amendment, features of allowable dependent claim 24 are incorporated into independent claims 1 and 15, and features of allowable dependent claim 27 are incorporated into independent claim 26. Thus, each of independent claims 1, 15 and 26 defines patentable subject matter.

JP 2002341775 to Toshiba Corp. (hereafter Toshiba), U.S. Patent 5,151,631 to Oda et al. (hereafter Oda), and/or U.S. Patent 5,854,617 to Lee et al. (hereafter Lee) do not teach or suggest the patterned conductor (or PCB pattern) is configured to transmit the conductor voltage, the transmitted voltage representing the abnormal condition if a power surge exists in the high voltage output, representing the abnormal condition if there is no detection of induced voltage from the high voltage output, and representing the abnormal condition if the level of

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the induced voltage indicates that the high voltage is less than a predetermined voltage level, as recited in independent claim 1 (and independent claim 15).

Further, the applied references do not teach or suggest that the detected voltage is induced into a patterned conductor for conducting the induced voltage to a feedback control unit and wherein the patterned conductor is configured to transmit the conducted voltage, the transmitted voltage representing the abnormal condition if a power surge exists in the high voltage output, representing the abnormal condition if there is no detection of induced voltage from the high voltage output, and representing the abnormal condition if the induced voltage indicates that the high voltage is less than a predetermined voltage level, as recited in independent claim 26.

Accordingly, each of independent claims 1, 15 and 26 defines patentable subject matter. Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1, 4-5, 8-23 and 25-26 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

Serial No. **10/706,292**

Docket No. **K-0547**

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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